

Tuesday, March 25, 2014

Tom Givetz
New Hampshire Fish and Game Powder Mill
288 Merrymeeting Road
New Durham NH 03855

Project Name: Powder Mill Hatchery
Project #: N/A
Project Location: New Durham, NH
Control #: 97101

Lab ID: 14030110

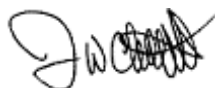
Date Received: 3/11/2014

Dear Tom Givetz

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at <http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx>

A handwritten signature in black ink, appearing to read "Jay Chrystal".

Jay Chrystal - President/Laboratory Director

New Hampshire Fish and Game Powder Mill

Tom Givetz

288 Merrymeeting Road

New Durham NH 03855

Control #: 97101

Project Number: N/A

Project Name: Powder Mill Hatchery

Project Location: New Durham, NH

Lab ID: 14030110

Date: 3/25/2014

Lab ID: 14030110

Sample Receiving and Comment Summary

Were samples submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within applicable holding times?	Yes
Were all containers intact when received?	Yes
Was there evidence of cooling if required?	Yes
Were samples for volatile organic analysis free of headspace (per method)?	N/A
Was the cooler temperature recorded if applicable?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
Were samples for dissolved metals already filtered by the client or field sampling?	N/A
Were Samples for O-phos filtered in the field?	N/A

Sample	Method	Client Identity	Matrix	Analyst
14030110-002	EPA 200.7	002 L.S. #1, #2, #3	Wastewater	CharleneF

Comment: no comment

* Blank comment sections denote "No Comment"



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 Milford, NH 03055
 (603) 673-5440
 Sales@chemservelab.com

New Hampshire Fish and Game Powder Mill

Tom Givetz
 288 Merrymeeting Road
 New Durham NH 03855

Control #: 97101
 Project Number: N/A
 Project Name: Powder Mill Hatchery
 Project Location: New Durham, NH

Analytical Results

Lab ID: 14030110
 Date: 3/25/2014

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-001	EPA 200.7	001 N.D. #1, #2, #3		Wastewater	CharleneF

Start Date/Time Sampled: 3/10/2014 7:50:00 AM Composite End Date/Time: 3/11/2014 7:50:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				3/13/2014	1	0
Phosphorous-P Total	7723-14-0	< 0.01 mg/L		3/13/2014	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-001	EPA 300.0	001 N.D. #1, #2, #3	mg/L	Wastewater	MichelleG

Start Date/Time Sampled: 3/10/2014 7:50:00 AM Composite End Date/Time: 3/11/2014 7:50:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nitrate		< 1 mg/L		3/11/2014 6:46:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-001	In House	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 7:50:00 AM Composite End Date/Time: 3/11/2014 7:50:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Nitrogen		< 1 mg/L		3/20/2014	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-001	SM 2540D	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 7:50:00 AM Composite End Date/Time: 3/11/2014 7:50:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Suspended Solids		< 2 mg/L		3/14/2014	0.5	2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-001	SM 4500-NH3-D	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 7:50:00 AM Composite End Date/Time: 3/11/2014 7:50:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Ammonia-N		< 0.2 mg/L		3/20/2014	1	0.2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-001	SM 5210B	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 7:50:00 AM Composite End Date/Time: 3/11/2014 7:50:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
BOD		< 1 mg/L		3/13/2014 7:45:00 AM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-001	SM4500-Norg/NH3-B	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 7:50:00 AM Composite End Date/Time: 3/11/2014 7:50:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Kjeldahl-N	5228003-90-0	< 0.5 mg/L		3/17/2014	1	0.5

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-002	EPA 200.7	002 L.S. #1, #2, #3		Wastewater	CharleneF

Start Date/Time Sampled: 3/10/2014 8:00:00 AM Composite End Date/Time: 3/11/2014 8:00:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				3/13/2014	1	0
Phosphorous-P Total	7723-14-0	0.03 mg/L		3/13/2014	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-002	EPA 300.0	002 L.S. #1, #2, #3	mg/L	Wastewater	MichelleG

Start Date/Time Sampled: 3/10/2014 8:00:00 AM Composite End Date/Time: 3/11/2014 8:00:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nitrate		< 1 mg/L		3/11/2014 6:46:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-002	In House	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 8:00:00 AM Composite End Date/Time: 3/11/2014 8:00:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Nitrogen		< 1 mg/L		3/20/2014	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-002	SM 2540D	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 8:00:00 AM Composite End Date/Time: 3/11/2014 8:00:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Suspended Solids		< 2 mg/L		3/14/2014	0.5	2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-002	SM 4500-NH3-D	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 8:00:00 AM Composite End Date/Time: 3/11/2014 8:00:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Ammonia-N		< 0.2 mg/L		3/20/2014	1	0.2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-002	SM 5210B	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 8:00:00 AM Composite End Date/Time: 3/11/2014 8:00:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
BOD		< 1 mg/L		3/13/2014 7:45:00 AM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14030110-002	SM4500-Norg/NH3-B	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/10/2014 8:00:00 AM Composite End Date/Time: 3/11/2014 8:00:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Kjeldahl-N	5228003-90-0	< 0.5 mg/L		3/17/2014	1	0.5

Qualifier: Description:

B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">"the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
TNTC-	Too numerous to count.
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.
V-	Sample pH for volatile analysis was not <2 when checked at time of analysis.

Chain of Custody No. 97101
Multiple COC's Yes No



CHAIN OF CUSTODY

317 Elm Street Milford, NH 03055
(603) 673-5440 / Fax (603) 673-0366

A CUSTOMER INFORMATION				B PROJECT INFORMATION				C SAMPLE INFORMATION							
CUSTOMER: <u>M.H. Fish + Game</u>				JOB NAME: <u>Powder Mill Hatcher</u>				TURNAROUND TIME: (CIRCLE ONE) <u>10 DAY STANDARD</u> RUSH (MUST BE PRE-APPROVED)							
ADDRESS: <u>11 Hazen Dr</u>				JOB NUMBER: _____				7 day 5 day 4 day 3 day 2 day 1 day Same Day							
CITY/STATE/ZIP: <u>Concord NH 03301</u>				LOCATION: <u>New Durham M.H.</u>				MCP <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> GW1 <input type="checkbox"/> GW2 <input type="checkbox"/> GW3							
TELEPHONE: <u>603 859 2041</u>				INVOICE EMAIL: _____											
REPORT TO: <u>T. Gault</u>				INVOICE TO: _____											
EMAIL TO: <u>Powdermill@netm1.com</u>				P.O. NUMBER: _____											
STATION # (D)	SAMPLE IDENTIFICATION & LOCATION (E)	COLLECTED (F)	DATE (G)	TIME (H)	SAMPLE TYPE (I)	GRAB TYPE (J)	COMP (K)	MATRIX (L) SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	# OF CONTAINERS (M)	CONTAINER AND PRESERVATIVE (N)	ANALYSIS (O)				
001	N.D. #1	DATE	3/10	TIME	7:50		✓	L	1			Bod, TSS, Nitrate			
001	N.D. #2	DATE	3/10	TIME	7:50		✓	L	1	✓		T-Phos			
001	N.D. #3	DATE	3/10	TIME	7:50		✓	L	1	✓		T-Nitrogen			
		DATE		TIME											
	002 L.S. #1	DATE	3/10	TIME	8:00		✓	L	1			Bod, TSS, Nitrate			
	002 L.S. #2	DATE	3/10	TIME	8:00		✓	L	1	✓		T-Phos			
	002 L.S. #3	DATE	3/10	TIME	8:00		✓	L	1	✓		T-Nitrogen			
		DATE		TIME											
(N) CUSTODY				SAMPLER: <u>Thomas Gault</u>				SAMPLE CHECK LIST:				FIELD READING(S) & COMMENTS:			
				SIGNATURE: _____				DATE: <u>3/11/14</u> TIME: <u>0830</u>				RECEIVED WITHIN HOLD TIME RECEIVED IN GOOD CONDITION TEMP BLANK <u>4°C</u>			
RELINQUISHED:				DATE: <u>3/11/14</u> TIME: <u>1230</u>				SHIPPED OR HAND DELIVERED				YES OR NO			
RECEIVED:				DATE: <u>3/11/14</u> TIME: <u>1510</u>				SAMPLES WERE PROPERLY PRESERVED				YES OR NO			
RELINQUISHED:				DATE: <u>3/11/14</u> TIME: <u>1510</u>				IF NO EXPLAIN:				FIELD LAB N/A			
RECEIVED FOR LAB:				DATE: <u>3/11/14</u> TIME: <u>1510</u>				GROUP # <u>14030110</u>				3/25			